



JCD-02K

AI based Ischemic Heart Disease Analysis Solution

| Summary

Ischemic heart disease is caused by obstruction of blood flow to the myocardium due to stenosis or occlusion. In order to treat the patient, a procedure for inserting a stent into the narrowed bloodstream is performed.

JCD-02K supports the stent insertion procedure by calculating Angiography based Fractional Flow Reserve (aFFR) and providing a user-friendly interface.

| Key Components & Performance

- Angiography based Fractional Flow Reserve(aFFR) auto-calculation
- Coronary artery diameter analysis
- Annotation tool for lesion marking & correction
- Visualization of clinical information
- PACS-linked data management

| Input / Output

- **Input Data** Patient's X-Ray DICOM (Coronary Angiography)
- **Output Information** aFFR and Coronary artery analysis information